Amount spent on linking of rivers

†1613. SHRI SATYAVRAT CHATURVEDI:
SHRI MOTILAL VORA:

Will the Minister of WATER RESOURCES be pleased to state:

(a) the amount of money provided every year during the last three years for linking rivers;

(b) the names of rivers, for which linking work has been done and the details thereof;

(c) what are the details of plan for linking rivers during the next four years and the amount estimated to be spent on this; and

(d) the estimate of loss of life and property due to recent flood in different parts of the country?

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES (SHRI JAY PRAKASH NARAYAN YADAV): (a) The details of grants-in-aid released to National Water Development Agency (NWDA) for works related to Inter Linking of Rivers (ILR) programme during the last three years are given below:

Year	Grants-in-aid Released (Rs. crores)
2004-05	21.00
2005-06	17.00
2006-07	18.77

(b) At present, no interlinking project is under implementation. NWDA after carrying out various studies has identified 30 links (16 under Peninsular Component and 14 under Himalayan component) under National Perspective Plan (NPP) for preparation of Feasibility Reports (FRs). Out of these FRs of 14 links under Peninsular Component & 2 links (Indian portion) under Himalayan Component have already been completed. Five Peninsular Links have been identified as priority links for building consensus among the concerned States for taking up their Detailed Project Reports (DPRs). DPR of One priority Link namely Ken-Betwa has been taken up by NDWA. The details are given in Statement-I (*See* below).

(c) Implementation of any interlinking project is not envisaged during XI plan. However, a provision of Rs. 241 crore has been proposed in the XI Plan for the works of DPR of Ken-Betwa Link and other priority links, Balance Feasibility Reports of the links as mentioned at Para (b), Feasibility Reports (FRs)/Pre-Feasibility Reports of intra State links etc., to be carried out by NWDA.

(d) The details of estimated loss of life and property due to the floods/landslide/rains/ heavy rains is given in Statement-II.

Statement-I

List of water Transfer links being studied by NWDA and their status

Peninsular Rivers Development Component

1. Mahanadi (Manibhadra)— Godavari (Dowlaiswaram) link#
2. Godavari (Polavaram)—Krishna (Vijayawada) link*#
3. Godavari (Inchampalli)—Krishna (Pulichintala) link#

†Original notice of the question was received in Hindi.

4. Godavari (Inchampalli)—Krishna (Nagarjunasagar) link#
5. Krishna (Nagarjunasagar)-Pennar (Somasila) link#
6. Krishna (Srisailam) - Pennar link#
7. Krishna (Almatti) - Pennar Lik#
8. Pennar (Somasila) -Cauvery)(Grand Anicut) link#
9. Cauvery (Kattalai) - Vaigai -Gundar link#
10. Parbati - Kalisindh-Chambal link*#
11. Damanganga - Pinjal Link*#
12. Par - Tapi - Narmada link *#
13. Ken - Betwa link *#
14. Pamba - Achankovil - Vaippar link#
15. Netravati - Hemavati Link
16. Bedti - Varda link

Himalayan Rivers Development Component

1. Kosi - Mechi link
2. Kosi-Ghaghra link
3. Gandak-Ganga link
4. Ghaghra - Yamuna link#(Indian Portion)
5. Sarda-Yamuna link# (Indian Portion)
6. Yamuna-Rajasthan link
7. Rajasthan-Sabarmati link
8. Chunar-Sone Barrage link
9. Sone Dam - Southern Tributaries of Ganga link
10. Manas-Sankosh-Tista-Ganga (M-S-T-G) link
11. Jogighopa-Tista-Farakka (Alternate to M-S-T-G) link
12. Farakka-Sunderbans link
13. Ganga-Damodar-Subernarekha link
14. Subernarekha-Mahanadi link

*Priority links
FR completed
$ DPR Taken up

Statement-II

State-wise details of damage due to heavy rains/flash floods/floods/landslide

(*Provisional as on* 15.11.2007)

Sl. No.	State/Ut	No. of Human Lives Lost	No. of Cattle-Heads Lost	No. of Houses Damaged	Cropped Area Affected (Lakh Hectares)
1	2	3	4	5	6
1.	Andhra Pradesh	134	47598	235814	1.93
2.	Arunachal Pradesh	4	14736	12987	0.28

1	2	3	4	5	6
3.	Assam	134		15846	6.75
4.	Bihar	976	988	690466	16.62
5.	Chhattisgarh	15	53	12482	0.026
6.	Gujarat	486	9707	41756	4.68
7.	Goa	3		1100	negligible
8.	Himachal Pradesh	98	3087	10820	1.13
9.	Jharkhand	2	2	986	0.01
10.	Karnataka	222	12958	231698	5
11.	Kerala	262	2813	58804	0.38
12.	Madhya Pradesh	76	307	18321	0.04
13.	Mizoram	12	8	2243	0.04
14.	Maharashtra	155	1477	47045	negligible
15.	Meghalaya	—	—	—	—
16.	Orissa	91	662	104712	3.19
17.	Punjab	7	18	527	0.28
18.	Rajasthan	63	5114	10058	
19.	Tamil Nadu	52	159	726	
20.	Tripura	8		3	negligible
21.	Uttar Pradesh	261	157	165064	5.13
22.	Uttarakhand	83	275	979	
23.	West Bengal	348	4154	996948	24.91
24.	Puducherry	2	150	159	2.15
	TOTAL	3494	104423	2659544	72.546

Ground water

1614. PROF. ALKA BALRAM KSHATRIYA:
SHRIMATI SHOBHANA BHARTIA:

Will the Minister of WATER RESOURCES be pleased to state:

(a) whether taking the Prime Minister's advice on addressing water availability concerns *via-a-vis* global warming forward, the Advisory Council for Artificial Recharge of Ground Water under the Ministry, has vowed to bring out a white paper on the "Impact of Climate Change of India's Hydrological Cycle";

(b) whether Ministry has set up advisory council drawn from farmer's representatives, NABARD, rural electrification corporations, industries, public undetakings, NGOs in addition to Government officials to deliberate on a programme to make rainwater harvesting and water conservation as a national goal; and

(c) the steps being considered in this regard?

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES (SHRI JAY PRAKASH NARAYAN YADAV): (a) The Artificial Recharge of Ground Water Advisory Council under the Ministry of Water Resources in its 2nd meeting held on 12th September, 2007 at New Delhi discussed the steps to be taken for studying the impact of climate change on India's hydrological cycle, besides other issues.